ORCHESTRATION DESIGNER

ABSTRACT

The present invention supports the design of a process using a drawing surface that specifies the process with underlying programmatic constructs. In response to a user's command, a construct corresponding to a shape is selected from a palette and inserted onto a design region that shows the specified process. The command is verified to be consistent with semantics of an associated process type. If so, a visual image of the specified process is updated. If not, an indicator is generated in a proximity of a relevant portion of the visual image in order to help the user resolve the inconsistency. The user is able to correct errors before generating computer-executable instructions from a high-level code emission. Computer-executable instructions are also generated from high-level code emission. A process engine is cognizant of the associated high-level lines of code and an infrastructure knowledge base while executing the computer-executable instructions.